

FIG. 1

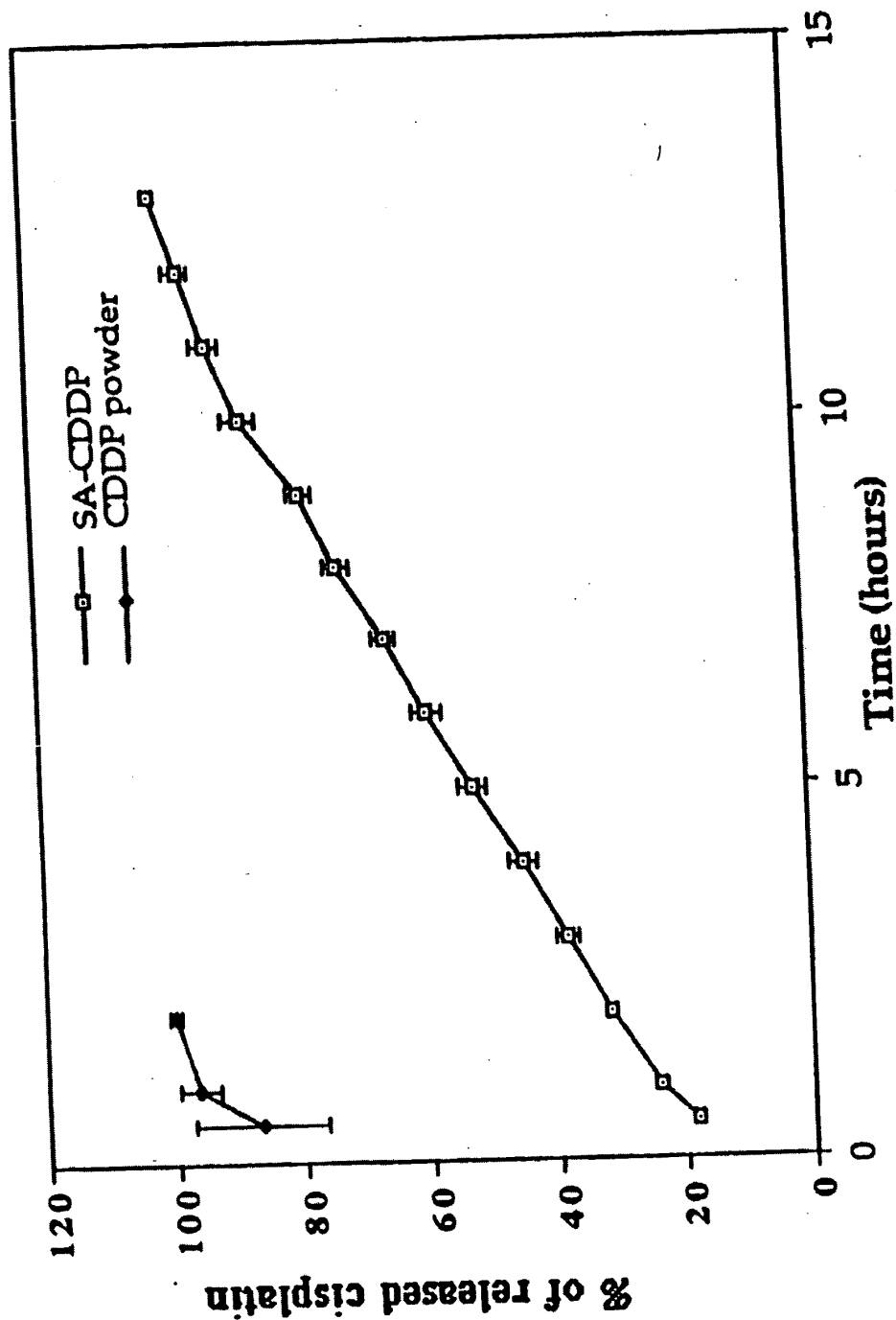


FIG. 1

FIGURE 2

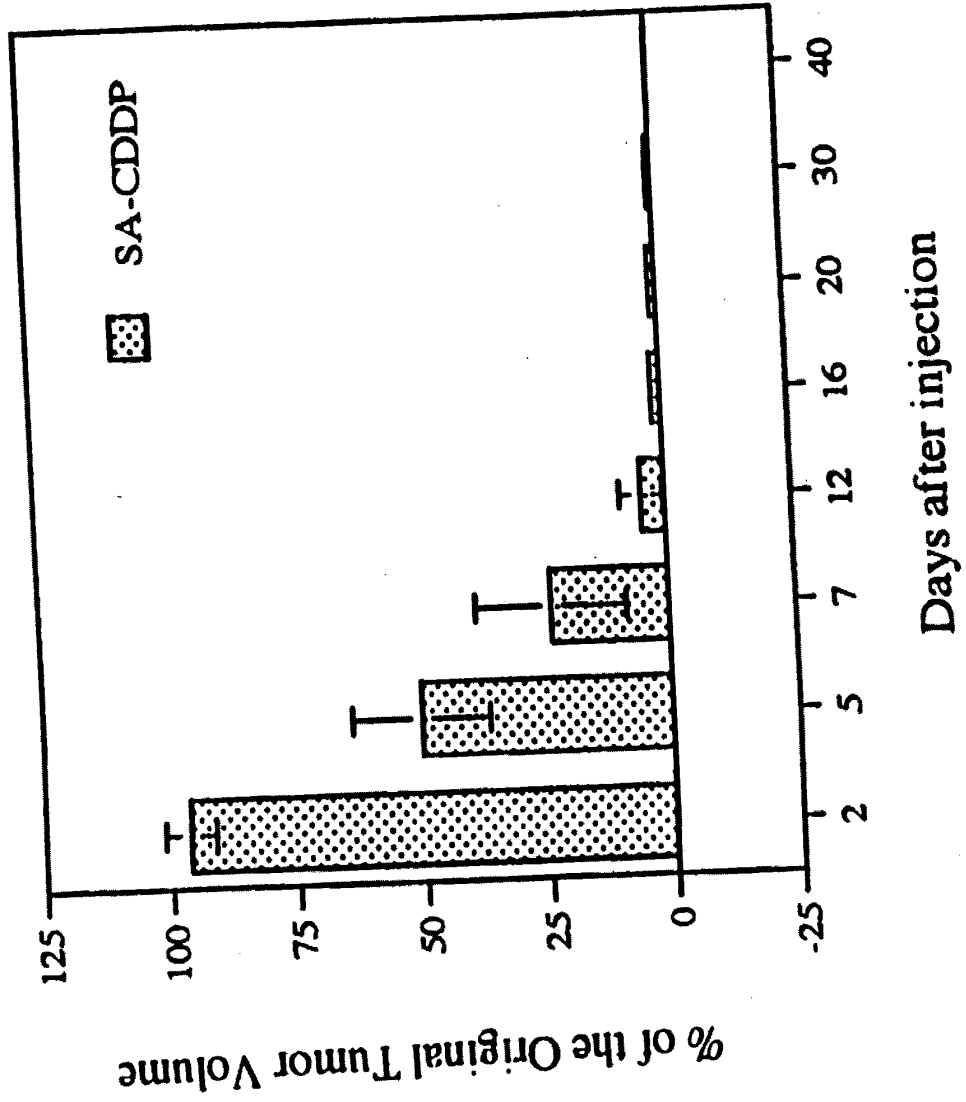


FIG. 2

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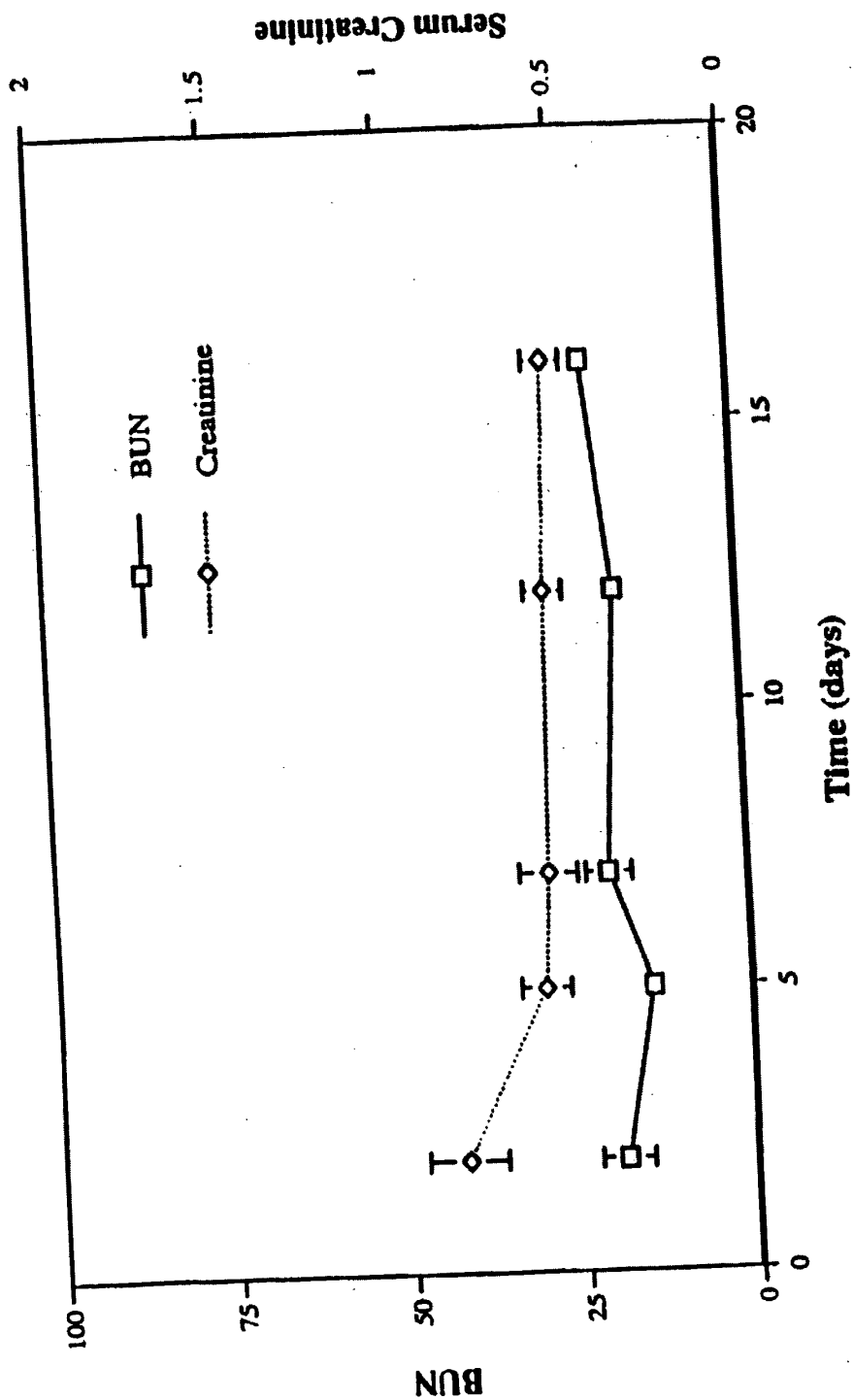


FIG. 3

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Preparation of standard

Preparation of samples

Data at time = 0

Assay sample 2X per day

↓ 55 mg SnCl_2

↓ 0.5 ml 4% CaCl_2

↓ 0.5 ml $^{188}\text{ReO}_4$ (0.5 mCi)

↓ Heat at 100°C for 40 min

↓ Remove 10 μL , add to blank test tube, count with gamma counter

↓ Remove 100 μL from each sample, add to 3 blank test tubes (A,B,C) containing 0.4 ml Alginate

↓ Add 1 mL cold PBS to wash

↓ Decant PBS; add 1 mL fresh PBS

↓ Remove 100 μL from each sample, add to blank test tubes, count with gamma counter

↓ Add 100 μL of cold PBS to each sample

↓ Incubate at 37°C and collect data at desired time points

FIG. 4

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Accumulated Rhenium-188 Release by Hydrogel

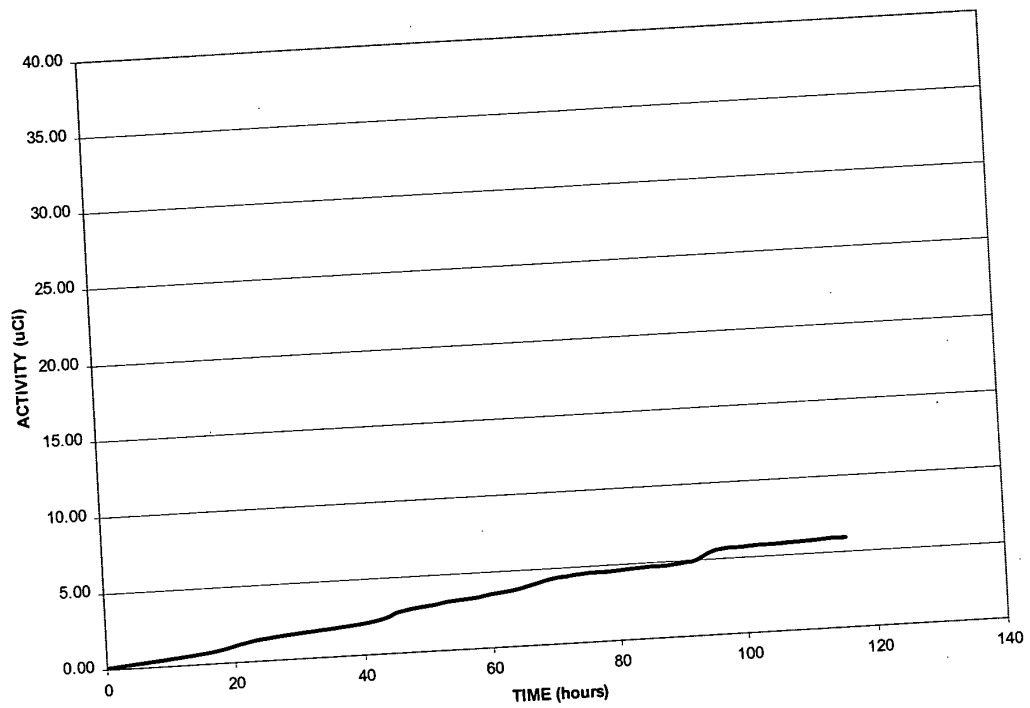


FIG. 5

% of Rhenium-188 Dose Released by Hydrogel

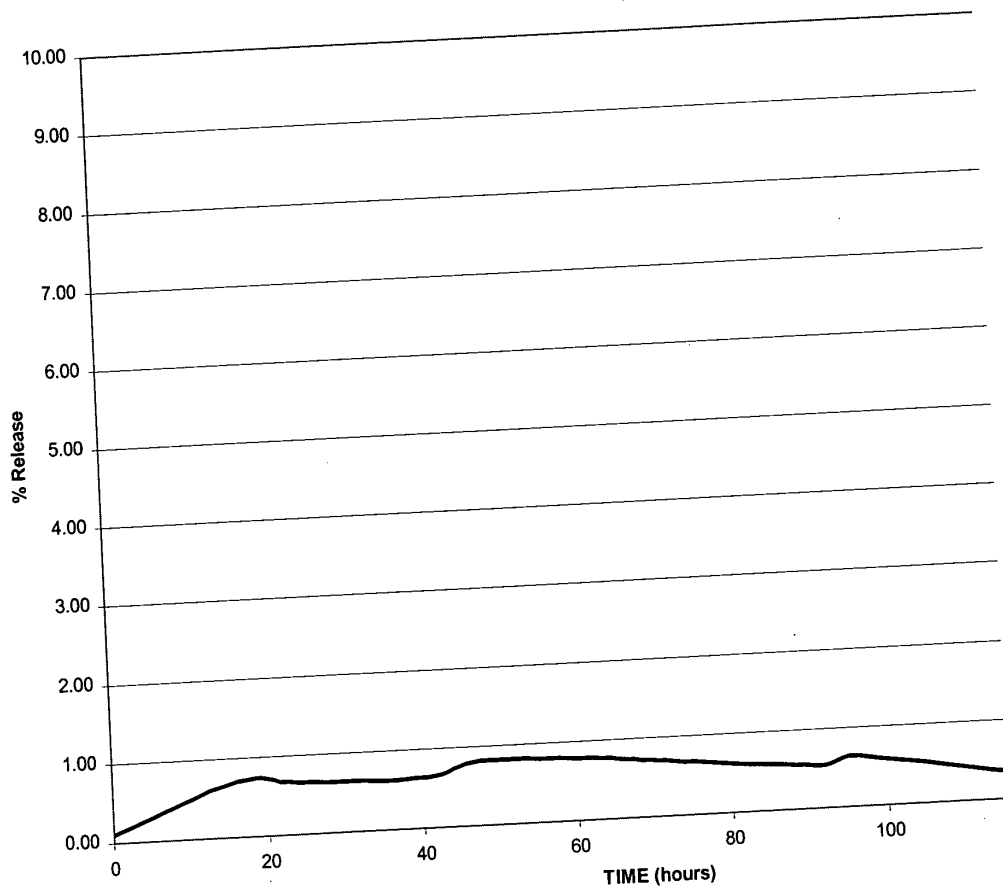


FIG. 6

TOP SECRET "SECRET"

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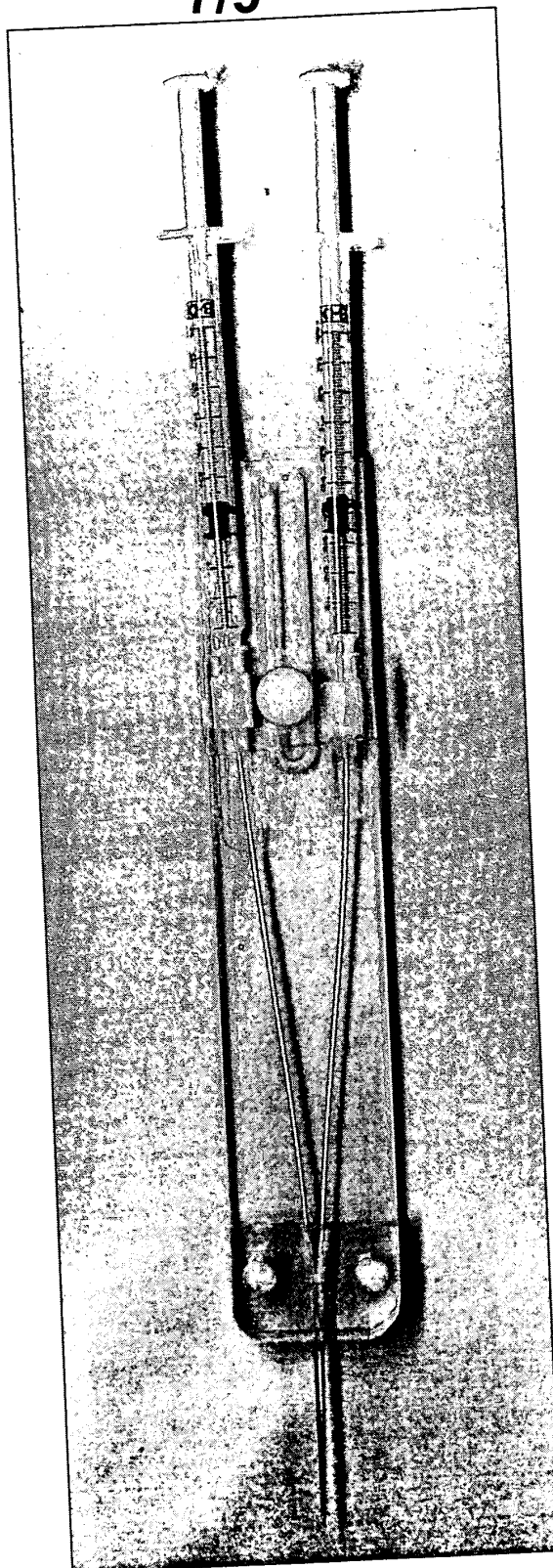


FIG. 7

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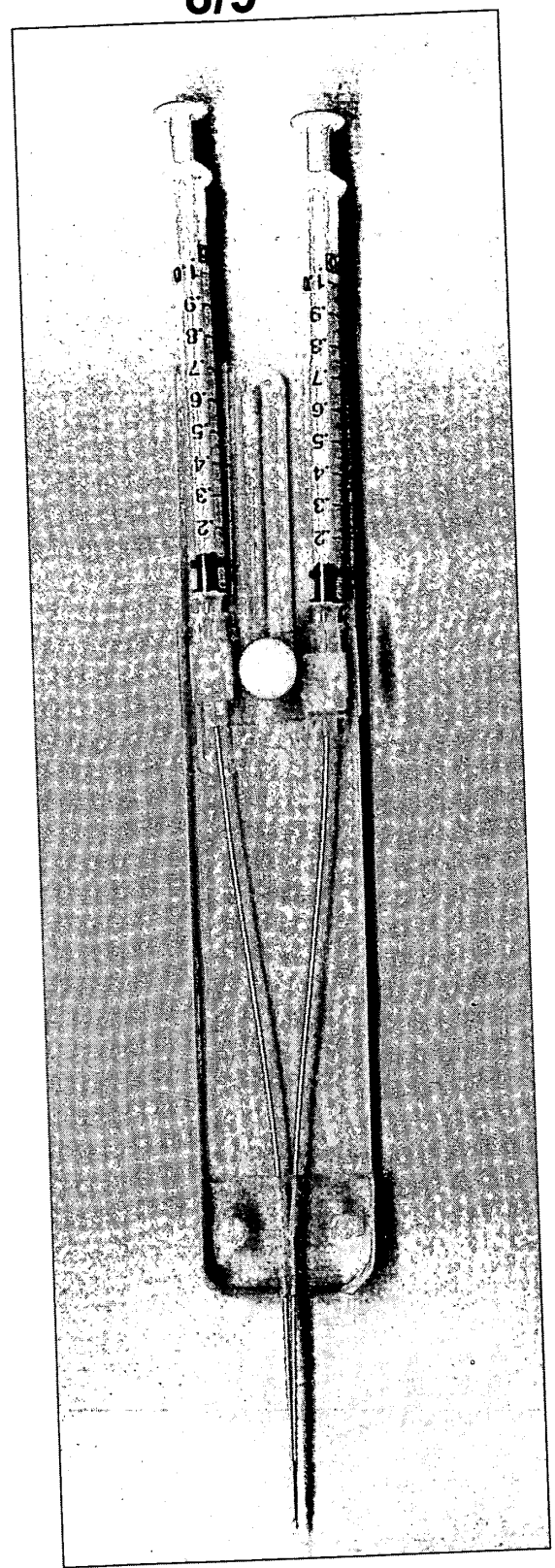


FIG. 8

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Tumor Growth in Mammary Tumor (13762)-Bearing Rats in Response to Re-188 Treatment

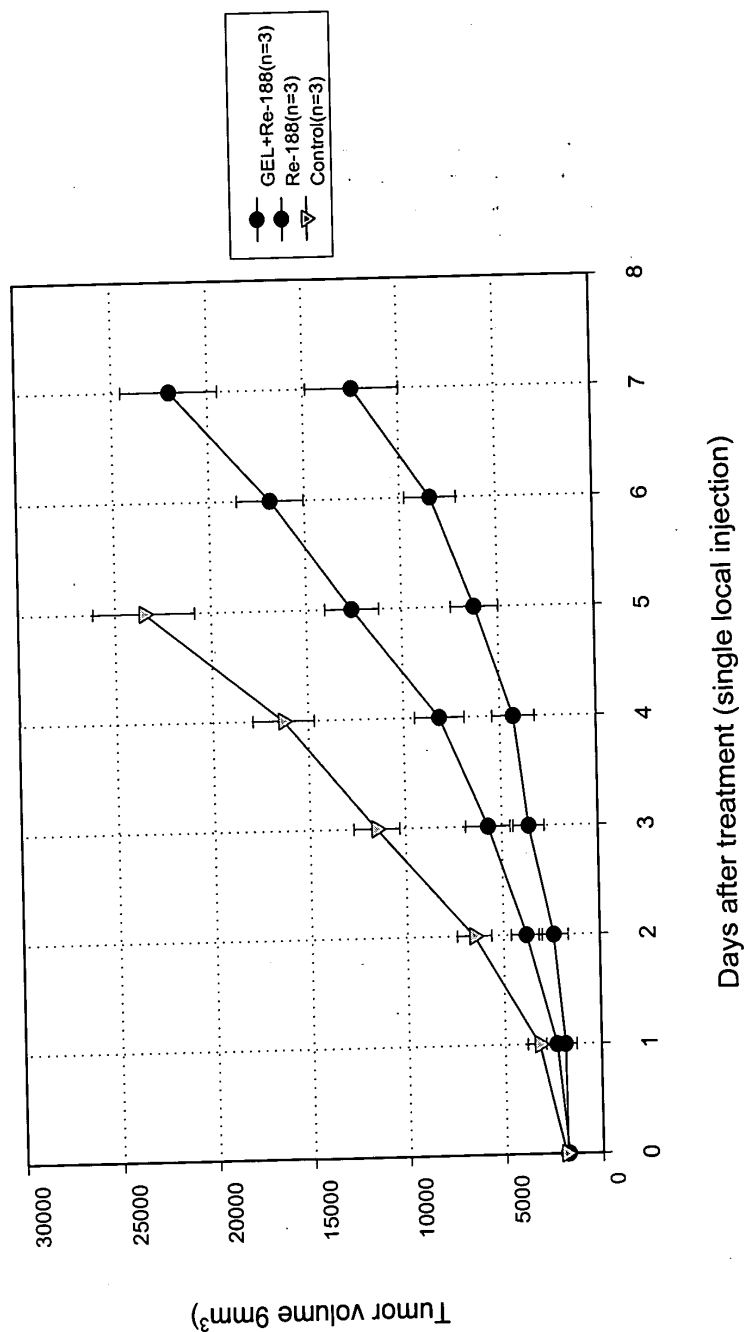


FIG. 9